



Higher satisfaction in all areas with Tegrís.

Until 2018, Acibadem Maslak Hospital in Istanbul managed patient surgical data manually. The heavy administrative burden often required operating room nurses to work overtime every day. This changed significantly with the introduction of Getinge's OR integration solution Tegrís. A transformed surgical workflow has improved patient care, reduced costs and boosted morale among surgical staff. Nursing staff now go home on time at the end of their shift.



Serpil İsaetli, Nursing Services Manager at Acibadem Maslak Hospital, TR

“We were running out of data storage for our post-surgery records. There was also a constant risk of human error due to manual data handling. Something had to change.”

Before Tegrıs, Acibadem Maslak Hospital had no integrated IT system for its surgical workflow. The only data technology in the operating room was a limited solution for endoscopes. Patient data registration and core tasks like maintaining the surgical safety checklist were done manually.

Serpil İsaetli heard about Tegrıs from colleagues at Acibadem Healthcare Group, a group of 21 private hospitals and 11 medical centers placed in Turkey and in Europe. She and her staff were attracted to a solution that runs the entire operating room from a single easy-to-use interface.

At Acibadem Maslak Hospital, Tegrıs handles everything from video routing and device management. “Tegrıs is a complete solution. It connects everything and gives us different options to integrate video, manage data and operate various devices within the operating room,” Serpil says.

“Our surgical department team are young and very open to innovative solutions that make their job easier. “When we offered them Tegrıs, they all liked it and everyone took ownership of it.”

The hospital made sure to involve everyone in the implementation process – from nurses and surgical staff to the management team. “We listened to everyone very carefully and acted on their feedback and recommendations. And before the launch, staff had Getinge-supported training sessions to help them understand how to use Tegrıs and the new workflow,” Serpil says.

Some benefits were apparent from day one. Nurses found they needed to move around less to set up equipment, manage cables, operate multiple remotes and recharge batteries. The easy management of operating room equipment allowed them to focus more on patient care.

“If I were to describe the impact in a single word it would be satisfaction.”

According to Serpil, surgeons are now more satisfied because they receive the information they need both during and after surgery. In the past, they had to wait two or three days for the right patient data. “This not only adds a layer of control for us, it also reduces risks of errors and improves patient safety”. Nurses, she adds, are more satisfied because they can quickly set up the operating room according to specific surgical procedures and surgeon preferences. “They don’t have to move equipment to the same extent anymore and they are using our defined presets to assign the required video signals to the monitors. All this helps us to get ready on time for the next surgery and leaves us more time to focus on the actual surgery and taking care of our patients.”

Acibadem Maslak Hospital in numbers:

No. of beds:	194
No. of employees:	628
No. patients/year:	491,000
Average length of stay:	2-3 days
No. of ORs :	20
No. of surgical procedures/year:	11,000
No. of instruments/ trays sterilized/year:	113,379

Tegrıs has brought measurable improvements in key areas

Patient care quality has also improved because nurses can spend time on patients rather than chasing data or doing other administrative tasks.

“Instead of having to look up patient data on DVDs, sometimes even leaving the operating room, nurses can find all the information they need on a patient in seconds via our Tegrıs system. That gives them more time to spend on the patient.”

“Quality control of the surgical workflow is higher now and the removal of manual data handling has significantly enhanced patient safety because the team can better focus on patient care”, Serpil explains.

As a result, the hospital has saved money while also improving overall data security. Nurses no longer have to work routine overtime at the end of their shifts to catch up with data management. Rapid access to medical records and operation data means that the hospital now gets paid faster by private medical insurance companies.

Acibadem Maslak Hospital has also benefited from combining Tegrıs with Getinge’s T-DOC sterile supply management and traceability solution. Prior to T-DOC, sterile instruments were ordered manually. Today, the entire process is automated.

“Before T-DOC, we had things written on paper, which sometimes resulted in wrong, difficult-to-read, or incomplete information. Potentially, this caused instrument delays for a planned surgery,” Serpil says.

“With T-DOC, we can trace single instruments, which has improved punctuality and ensured that instruments are not lost. In fact, since Tegrıs and T-DOC have been in place we are now working more systematically ensuring the quality of our work.”



To the left: Serpil İsaetli, Nursing Services Manager, Acibadem Maslak Hospital
To the right: Oner Isikal, IWS Product Manager, Getinge

About IWS

Tegris is part of Getinge's Integrated Workflow Solutions, which support hospitals in ensuring more efficient surgical, patient and sterile supply workflows. Though each of the IT solutions covers unique areas of the hospital, they come together in and around the operating room. As a result, tasks are managed in due time and the hospital becomes safe, streamlined and efficient for both staff and patients.

Partnering up with Getinge you can experience benefits such as:

- Scalable, best-in-class solutions tailored to a hospital's specific needs
- Maximized organizational and operational efficiencies
- Increased quality of care through advanced hospital control
- Regulatory compliance through flexible solutions
- Improved working environment through process optimizations
- Data stability and seamless integration with existing IT infrastructure



Integrated Workflow Solutions

Getinge offers a wide range of products, solutions and services that support you through the entire clinical pathway. Our goal is to help you provide excellent care without ever compromising on quality or safety.

With IWS, we offer you a safer, integrated and better utilized facility that supports greater consistency and efficiency, enabling healthcare professionals to focus on delivering the best possible care for patients.

Tegris is part of our Integrated Workflow Solutions (IWS) offering. It is the operating room (OR) integration system that delivers video and data integration for a simpler, safer and more streamlined working environment, enabling OR staff to focus on the best possible care for patients.



With a firm belief that every person and community should have access to the best possible care, Getinge provides hospitals and life science institutions with products and solutions aiming to improve clinical results and optimize workflows. The offering includes products and solutions for intensive care, cardiovascular procedures, operating rooms, sterile reprocessing and life science. Getinge employs over 10,000 people worldwide and the products are sold in more than 135 countries.

Integrated Workflow Solutions (IWS), as part of the business area Surgical Workflows, offers best-in-class IT solutions within the areas of OR management, OR integration, sterile supply management and patient flow management. We help create a safer, integrated and better utilized facility that supports greater consistency and efficiency, enabling healthcare professionals to focus on delivering the best possible care for patients.

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